

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S125	1382	((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker) same directional) or (((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker)) or (directional adj speaker)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 17:24
S126	45	379/420.04.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 17:45
S129	3	379/420.04.ccls. and directional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 17:47
S130	20	("5313514"   "5335285"   "5490213"   "5749057"   "5787167"   "5802167"   "5839919"   "5991646"   "6058184"   "6138041"   "6397046"   "D384937"   "D404037"   "D430148"   "D461461").PN. OR ("6512826").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 19:24
S131	1	"6081594".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/11 19:28
S132	23	379/420.04.ccls. and direct\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 19:30
S133	192	381/334.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 21:04

S134	21	381/334.ccls. and directional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/11 21:04
S135	27	usb near4 card with accessor\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/12 19:18
S136	122	usb adj speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/12 19:27
S137	883	381/386.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/12 19:54
S138	127	381/386.ccls. and (usb card bus plug )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/12 19:55
S139	28	381/386.ccls. and (usb card bus plug) same (portable handheld hand adj held)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/12 19:55
S140	4	381/386.ccls. and (usb card bus plug) same (pda personal adj digital)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/12 19:58
S141	36	("4340787"   "4528426"   "4586195"   "4703506"   "4789044"   "5058171"   "5121426"   "5137110"   "5216711"   "5226076"   "5363444"   "5483599"   "5506908"   "5524059"   "5546458"   "5591804"   "5600727"   "5627901"   "5657393"   "5684882"   "5703957"   "5778082"   "5802190"   "5848172"   "5862239"   "5878147"   "5901232"	US-PGPUB; USPAT	OR	ON	2009/06/12 20:54

		"5978490"     "6041127"   "6075869"   "6084973"     "6101258"   "6122389"   "6137887"     "6148089"     "6192134").PN.				
S142	12	("20020042287"     "6002949"   "6359984"   "6470087"     "6687120"   "6751446"   "6819946").PN. OR ("7103393").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/12 21:02
S143	11	("1689149"     "20020028693"     "20030003879"     "20040202338"     "20060094378"     "20060128440"     "6198831"   "6324380"   "6931140"     "7103393"     "7263196").PN.	US-PGPUB; USPAT	OR	ON	2009/06/12 21:03
S144	825	455/569.1.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/12 21:09
S145	347	455/569.2.ccls. not S144	US-PGPUB; USPAT	OR	ON	2009/06/12 21:09
S146	232	381/335.ccls.	US-PGPUB; USPAT	OR	ON	2009/06/12 21:09
S147	40	("5276916"     "5402486"   "5588041"   "5610971"     "5642402"   "5664012"   "5664015"     "5729604"   "5749057"   "5778061"     "5790679").PN. OR ("6002949").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/12 21:16
S148	100	455/569.1.ccls. and directional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/12 21:35
S149	21	455/569.1.ccls. and directional with sound	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/12 21:35

S150	48	455/569.2.ccls. and directional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/12 21:35
S151	2	455/569.1.ccls. and \$5directional adj speaker	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/12 21:40
S152	2	"7346315"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/12 21:41
S153	12	("1689149"   "20020028693"   "20030003879"   "20040202338"   "20060094378"   "20060128440"   "6198831"   "6324380"   "6931140"   "7103393"   "7263196").PN. OR ("7346315").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/12 21:42
S154	12	("20020042287"   "6002949"   "6359984"   "6470087"   "6687120"   "6751446"   "6819946").PN. OR ("7103393").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/12 21:44
S155	11855	455/556.1.ccls. 455/556.2.ccls. 455/557.ccls. 455/575.1.ccls. 455/575.9.ccls. 455/350.ccls. 455/90.1.ccls. 455/344.ccls. 455/66.1.ccls. 455/550.1.ccls. 455/90.3.ccls. 379/433.02.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 07:53
S156	33	S155 and ((directional nondirectional omnidirectional) near3 speaker)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 07:54

S157	3363	((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker)) or (directional with speaker) or (((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker)) or (directional with speaker)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 08:08
S158	1388	((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker) same directional or (((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker)) or (directional adj speaker)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 08:10
S159	3363	((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker)) or (directional with speaker) or (((ultra adj sonic) or (hyper adj sonic) or hypersonic or ultrasonic) near3 (speaker)) or (directional with speaker)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 08:41
S160	3363	S158 S159	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 08:41
S161	11855	455/556.1.ccls. 455/556.2.ccls. 455/557.ccls. 455/575.1.ccls. 455/575.9.ccls. 455/350.ccls. 455/90.1.ccls. 455/344.ccls. 455/66.1.ccls. 455/550.1.ccls. 455/90.3.ccls. 379/433.02.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 08:42

S162	15153	S159 S161	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 08:42
S163	65	S159 and S161	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/22 08:42
S164	678	367/137-138.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:05
S165	220	381/356.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:05
S166	725	381/77.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:05
S167	199	381/79.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:06
S168	18	367/137-138.ccls. and (((portable mobile personal cellular cell) adj2 (communication device phone)) or pda or personal adj digital adj assistan\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:07
S169	16	367/137-138.ccls. and (((portable mobile personal cellular cell) adj2 (communication device phone)) or pda or personal adj digital adj assistan\$5 or hand adj held handheld) not S168	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:13
S170	11	381/334.ccls. and \$5directional near4 (output audio speaker transducer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 15:16

S171	212	381/387.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 15:00
S172	29	381/388.ccls. and card	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/02 15:00

7/ 2/ 2009 3:08:47 PM

C:\ Documents and Settings\ kblair\ My Documents\ EAST\ Workspaces\ 10826531.wsp